

## APPLICATION FOR PERMIT

## TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

OCT 16 1962

Date of filing in State Engineer's Office.....

Returned to applicant for correction.....

Corrected application filed.....

Map filed..... OCT 24 1962 under 20782

The applicant..... NEVADA POWER COMPANY  
 of Las Vegas....., County of Clark.....  
 State of Nevada....., hereby make..... application for permission to appropriate the public  
 waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorpora-  
 tion; if a copartnership or association, give names of members.)..... Date of incorporation.....  
 Feb. 7, 1929 in the State of Nevada

1. The source of the proposed appropriation is Underground Meadow Valley Wash  
Name of stream, lake or other source.
2. The amount of water applied for is 3.5 (1570 GPM) second-feet  
One second-foot equals 448.83 gals. per min.  
 (a) If stored in reservoir give number of acre-feet NONE acre-feet
3. The water to be used for Power and Domestic  
Irrigation, power, mining, manufacturing, domestic, or other use.
4. If use is for:
  - (a) Irrigation (state number of acres to be irrigated).....
  - (b) Stockwater (state number and kinds of animals to be watered).....
  - (c) Other use (describe fully under "No. 11. Remarks").....
  - (d) Power:
    - (1) Horsepower developed (110,000 Kilowatts) 147,453 horsepower
    - (2) Point of return of water to stream None
5. The water is to be diverted from its source at the following point: NE 1/4 SW 1/4 Sec. 35, T. 14 S., R. 66 E. M.D.B.&M. at a point from which the South One Quarter Section  
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be stated.  
Corner of said Section 35, bears South 4 degrees - 01' - 40" East a distance of 1423.5 feet.
6. Place of use The NE 1/4 of the SW 1/4 and the NW 1/4 SE 1/4 of Section 35, T. 14 S. R. 66 E., M.D.B.&M.  
Describe by legal subdivision, if on unsurveyed land it should be so stated.
7. Use will begin about January 1 and end about December 31, of each year.  
Month Month
8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) The well will be cased at 16" to approximately 220 feet. It will be perforated from 100 to 200 feet. It is planned to set the pump at 100 feet. The proposed pumping plant shall consist of a two stage pump utilizing 12" bowls and 10" column driven by a 50 HP electric motor which shall include the necessary control panel.  
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.

9. Estimated cost of works. \$11,000.00 for cost of well and pumping plant. Cost of 330,000 kilowatt plant, \$50 million dollars.
10. Estimated time required to construct works. 90 days for pumping plant only.
11. Remarks. This well shall be known as well #4. The amount of water applied for has been based on the estimated output of one 110,000 kw steam electric generating unit. The figure used is conservative, however, it is not possible prior to actual operation to establish the exact requirement. We will plan to drill this well prior to the startup of steam generating unit 3. It will serve as a standby for wells 1, 2 and 3.

Applicant. NEVADA POWER COMPANY

By/ Elmer Johnson  
Vice President & Assistant General Manager

Compared. James H. Zornes  
Steam Department Supervisor

Compared lv/hs hs/lb ..... APPROVAL ..... OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions: This permit is issued subject to all existing rights on the source and is limited to what the well will produce but not to exceed 3.5 c.f.s. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to other ground water development in the area. A substantial weir or other type of measuring device must be installed and measurements of water use kept, and a method provided, either air line or opening, for measuring depth to water. The State retains the right to regulate the use of the water herein granted at any and all times. The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 3.5 cubic feet per second.

Actual construction work shall begin on or before September 4, 1963

Proof of commencement of work shall be filed before October 4, 1963

Work must be prosecuted with reasonable diligence and be completed on or before September 4, 1964

Proof of completion of work shall be filed before October 4, 1964

Application of water to beneficial use shall be made on or before September 4, 1966

Proof of the application of water to beneficial use shall be filed on or before October 4, 1966

Map in support of proof of beneficial use shall be filed on or before

Commencement of work filed

Completion of work filed

Proof of beneficial use filed

Cultural map filed

Certificate No. Issued

Recorded. Bk. Page.

WITNESS MY HAND AND SEAL this 4th day

of March 1963

State Engineer.

SEP 10 1963  
Elmo J. De Rocco  
STATE ENGINEER